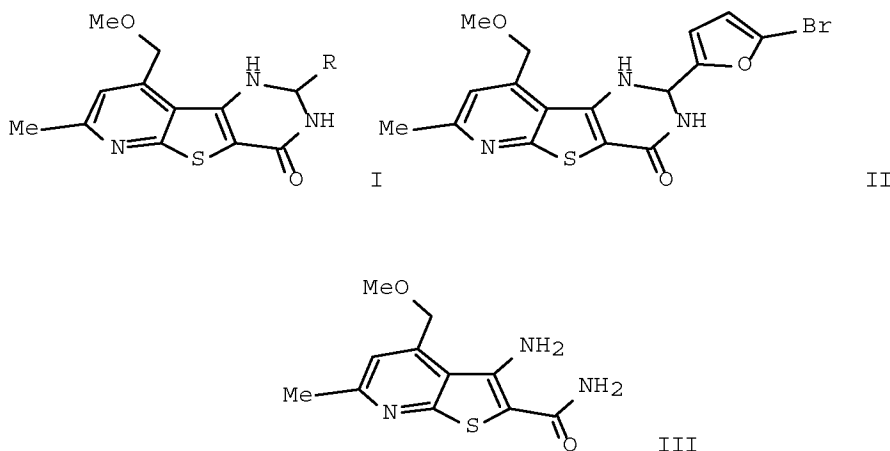


L5 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 2004:1023502 CAPLUS Full-text <https://chemport.fiz-karlsruhe.de/cgi-bin/ex_sdcgi?yyUE0ijzB0 PDnf0qaWiU wI3RGzGCmJbFxFxOsibuzToprnspWdxrkGMudG GpBcmcY4ShdeVV3pXiVVtQxZOEe az7PX7lcm@Sp7D0SWKKsdpBY34W1lr62ERPRKQVgFkS yRvkewpUEPGk 5D qC6wWzxBYp6YtjDH55f6WsUc 5VxBFGZB8p7e70taR2A2S5yH>
 DN 141:410956
 TI A preparation of pyridothienopyrimidine derivatives, useful as herbicidal antidotes
 IN Vasilin, V. K.; Osipova, A. A.; Kaigorodova, E. A.; Nen'ko, N. I.; Krapivin, G. D.; Isakova, L. I.; Strelkov, V. D.
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 SO Russ., No pp. given
 CODEN: RUXXE7
 DT Patent
 LA Russian
 FAN.CNT 1

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PRAI RU 2003-123516		20030724		

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AB The invention relates to a preparation of pyridothienopyrimidine derivs. of formula I [wherein: R is 2-(5-bromo-furyl), 2-furyl, and cyclohexyl], useful as herbicidal antidotes of 2,4-dichlorophenoxyacetic acid. For instance, pyridothienopyrimidine derivative II was prepared via heterocyclization of thienopyridine derivative III and 5-bromo-2-furfural with a yield of 83%. In the presence of compound II, toxic effect of herbicidal 2,4-dichlorophenoxyacetic acid decreased (at the concentration of 10-2% sunflower root length increased by 30%).